

# AREEB JAMAL

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## EDUCATION **MCMASTER UNIVERSITY, BACHELOR OF COMPUTER ENGINEERING AND MANAGEMENT**

Expected graduation in 04/2025 currently at a 3.9 gpa and recognized in the top 15% of the program.

- McMaster Honor Award Recipient, Dean's Honor List

### **MISSISSAUGA SECONDARY SCHOOL**

Graduated in 06/2020 with a 93% average.

- **Valedictorian**, 2x Athlete of the Year, 2x Physical Education Subject Award recipient, 4x Honor Roll student, Sr. Boys Soccer Team MIP, Sr. Tennis Team MIP

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SKILLS AND ABILITIES	- Proficient in <b>C, C++, Python, Java, HTML, CSS, and JavaScript</b>	- Trilingual – English, Urdu, and Hindi
	- Experience with <b>MATLAB, Eclipse, VSCode, GitHub and R Studio</b>	

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## PROJECTS **PERSONAL WEBSITE | 01/2022**

- Exercised self-taught **HTML, CSS, and JavaScript** skills to code a personal portfolio website.

### **AUTOMATED SYSTEM FOR RECYCLING CONTAINERS | 02/2021**

- Using a **Raspberry Pi**, designed and developed a computer program in **Python** to control a robotic arm that recycles containers to their appropriate bin locations in a dynamic simulation on **Quanser Interactive Labs**.

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## WORK EXPERIENCE **ERICSSON CANADA INC, RF NETWORK ENGINEER INTERN**

Mississauga, ON | 04/2022 – 08/2022

- Monitored a variety of radio frequency signals and bands for over 300 sites across the city of Jacksonville while generating detailed site summaries for customers.
- Analyzed KPIs to further optimize radio network performance and power consumption to maximize the efficiency of available network resources.
- Assisted in the development of a computer program that generates summary reports autonomously using Python to remove excessive manual labour and boost productivity.

### **GENZUP, ASSOCIATE**

Regional Municipality of Peel, ON | 08/2020 – 11/2020

- Utilized excellent communication skills to reach out to external organizations to further satisfy clients' needs.
- Coordinated the design team to generate social media layouts and company growth strategies.
- Developed long-lasting relationships with key clients to foster future opportunities for the company.

### **SUNGLO PRODUCTS INC, GENERAL WAREHOUSE EMPLOYEE**

Mississauga, ON | 07/2019 – 08/2019

- Resolved machine problems and maintained efficient product production through creative suggestions and innovations to the company manufacturing methods.

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## VOLUNTEER EXPERIENCE **WARDS 3&4 CITY YOUTH COUNCIL, CO-DIRECTOR OF EXTERNAL RELATIONS**

Brampton, ON | 07/2019 – Present

- Collaborated with city councilor Jeff Bowman on innovative and fit-for-purpose solutions in the city of Brampton.
- Administered numerous fundraisers while coordinating groups of 40+ volunteers.

### **MCMASTER DESIGN STUDIO REPRESENTATIVE**

Hamilton, ON | 12/2020 – 04/2021

- Elected as 1P13 engineering course student representative to collect and report over 1300 students' feedback, suggestions and concerns directly to the course professors.

### **KIDS FEST**

Toronto, ON | 02/2019

- Supervised children and families whilst maintaining their safety on a bouncy castle.

### **SHOPPERS WORLD FUNDRAISER, EVENT COORDINATOR**

Brampton, ON | 07/2018 – 08/2018

- Managed the distribution of hotdogs to the children with disabilities during the event whilst collecting over \$1200 in donations for Peel Children's Centre.